Journal of Nuclear Medicine Technology 1984 Subject Index

An asterisk preceding a page number indicates an abstract presented at the Annual Meeting, appearing in the June issue. The designation (le) following a page number indicates a letter to the editor.

Abdomen
Evaluation of hepatic hemangioma with Tc-99m labeled red blood cells, 119
Monoclonal antibodies: localization of renal cell carcinoma xenografts*, 92
Technical considerations of Tc-99m labeled red blood cell scans in the detection and localization of gastrointestinal bleeding sites, 56
Abscess
Preparation and clinical utility of In-111 labeled leukocytes, 131
Spectral overlap artifact during dual isotope imaging with Tc-99m and In-111, 124
Administrative applications
Microcomputers: administrative applications, 190
Aerosols
Developing radiopharmaceuticals, 65
Al^{3+}
Effects of Al^{3+} ion on Tc-99m sulfur colloid preparations with different buffers, 16
Antibody
Monoclonal antibodies: localization of renal cell carcinoma xenografts*, 92
Artifact
An injection-technique artifact, 10
Artifact, collimator
Effects of collimator malpositioning in seven pinhole tomography, 51
Attrition rate, technologists
Where have NMTs gone?, 39 (le)
Background
Kidney/liver ratio as an identifier of normal glomerular filtration rates in children*, 96
Blood
Adaptation of a renin protocol for use in the neonate*, 94
Methodology for labeling donor platelets with indium-111 oxine*, 95
Modification of the in-vitro red blood cell labeling technique using the Brookhaven National Laboratory (BNL) kit*, 95
Bone
An injection-technique artifact, 10
Rapid diagnosis and improved accuracy in localizing infection in diabetic osteoarthropathy using In-111 leukocytes*, 92
Scintigraphic appearance of the pediatric sternum*, 89
Book review
Chromatography of Technetium-99m Radiopharmaceuticals—A Practical Guide, 203
Digital Imaging: Clinical Advances in Nuclear Medicine, 41
Essentials of Nuclear Medicine Imaging, 203
Fundamentals of Nuclear Pharmacy (second edition), 154
Nuclear Medicine: Quantitative Procedures, 41
Quality Control of Nuclear Medicine Instrumentation, 88
Techniques, Diagnostics, and Advances in Nuclear Cardiology, 41
1984 Yearbook of Nuclear Medicine, 203
Brain
Brain imaging of cerebrovascular disease with I-123 HIPDM, 13
Developing radiopharmaceuticals, 65
Distribution of N-isopropyl-p-(131)-iodoamphetamine in glioblastoma bearing mice*, 93
Utilization of radionuclide cerebral angiography for determining cerebral death in a small community hospital and a large teaching hospital*, 96
Brain, abscesses
Magnetic resonance of canine brain abscesses*, 90
Camera
Calculation of first pass left ventricular ejection fraction by linear regression analysis using pairs of end-diastolic and end-systolic data points*, 95
Moments method for region of interest independent right ventricular ejection fraction*, 95
Parallax error in pinhole thyroid scintigraphy: a critical consideration in the evaluation of substernal goiters*, 96
Camera, scintillation
Absolute left ventricular volume using the build up factor, 111
Benefits and risks of thyroid scintigraphy in congenital primary hypothyroidism, 167
Quality assurance survey of scintillation cameras and dose calibrators, 61
Quality control for multidetector inhalation regional cerebral blood flow system (RCBFS): a dynamic phantom*, 91
Technical considerations for gated tomographic blood pool imaging*, 97
Camera scintillation
First pass left ventricular ejection fraction by linear regression analysis, 170
Technique to analyze stability of gamma camera uniformity*, 91
Chromatography
Computerized radiochromatographic system for radiopharmaceutical quality control, 126
Clinical evaluation
Accuracy of radionuclide left ventricular (LV) ejection fraction (EF) and vlume measurements in clinical practice*, 91
Evaluation of asymptomatic male patients using the multigated acquisition method*, 96
The thinking technologist and technologist acquired patient histories, 201 (le)
Utilization of radionuclide cerebral angiography for determining cerebral death in a small community hospital and a large teaching hospital*, 96
Collimator
Comparison of gamma camera response to I-123 (p, 5n) and I-123 (p, 2n)*, 90
Parallax error in pinhole thyroid scintigraphy: a critical consideration in the evaluation of substernal goiters*, 96
Scintigraphic optimization of techniques for localizing I-125 monoclonal antibodies in the nude mouse*, 92
Computer
Calculation of first pass left ventricular ejection fraction by linear regression analysis using pairs of end-diastolic and end-systolic data points*, 95
Effects of normal heart rate variability on diastolic function measurement in gated radionuclide ventriculograms*, 97
Evaluation of asymptomatic male patients using the multigated acquisition method*, 96
First pass left ventricular ejection fraction by linear regression analysis, 170
Importance of the region of interest selection on the radionuclide renograms*, 96
Inter-institution variability in ejection fraction and volume determination*, 91
Kidney/liver ratio as an identifier of normal glomerular filtration rates in children*, 96
Method of computer quantitation of I-131 labeled $F(ab')_2$ fragments of monoclonal antibody in patient images*, 92
Microcomputers: administrative applications, 190
Moments method for region of interest independent right ventricular ejection fraction*, 95
New application for lymphoscintigraphy (LS)*, 89
Quality control of gated cardiac image region of interest selection, 163
Quantitative computerized radionuclide ventriculographic phase analysis*, 95
Technical considerations for gated tomographic blood pool imaging*, 97
Technique to analyze stability of gamma camera uniformity*, 91
Transmission CT data acquisition with a SPECT system*, 93
Continued competency
Continued competency of nuclear medicine technologists, 19
Continuing education
Continued competency of nuclear medicine technologists, 19
Crystal
An iterative method for verifying systematic nonuniformities in refillable flood sources, 7
Data processing
Absolute left ventricular volume using the build up factor, 111
Accuracy of radionuclide left ventricular (LV) ejection fraction (EF) and vlume measurements in clinical practice*, 91
Calculation of first pass left ventricular ejection fraction by linear regression analysis using pairs of end-diastolic and end-systolic data points*, 95
Computerized radiochromatographic system for radiopharmaceutical quality control, 126
First pass left ventricular ejection fraction by linear regression analysis, 170
Importance of the region of interest selection on the radionuclide renograms*, 96
Inter-institution variability in ejection fraction and volume determination*, 91
Moments method for region of interest independent right ventricular ejection fraction*, 95
Patterns of ventricular filling and emptying from interframe dv/dt changes: preliminary report, 115
Transmission CT data acquisition with a SPECT system*, 93

Journal of Nuclear Medicine Technology 1984 Subject Index

An asterisk preceding a page number indicates an abstract presented at the Annual Meeting, appearing in the June issue. The designation (le) following a page number indicates a letter to the editor.

Abdomen
Evaluation of hepatic hemangioma with Tc-99m labeled red blood cells, 119
Monoclonal antibodies: localization of renal cell carcinoma xenografts*, 92
Technical considerations of Tc-99m labeled red blood cell scans in the detection and localization of gastrointestinal bleeding sites, 56
Abscess
Preparation and clinical utility of In-111 labeled leukocytes, 131
Spectral overlap artifact during dual isotope imaging with Tc-99m and In-111, 124
Administrative applications
Microcomputers: administrative applications, 190
Aerosols
Developing radiopharmaceuticals, 65
Al^{3+}
Effects of Al^{3+} ion on Tc-99m sulfur colloid preparations with different buffers, 16
Antibody
Monoclonal antibodies: localization of renal cell carcinoma xenografts*, 92
Artifact
An injection-technique artifact, 10
Artifact, collimator
Effects of collimator malpositioning in seven pinhole tomography, 51
Attrition rate, technologists
Where have NMTs gone?, 39 (le)
Background
Kidney/liver ratio as an identifier of normal glomerular filtration rates in children*, 96
Blood
Adaptation of a renin protocol for use in the neonate*, 94
Methodology for labeling donor platelets with indium-111 oxine*, 95
Modification of the in-vitro red blood cell labeling technique using the Brookhaven National Laboratory (BNL) kit*, 95
Bone
An injection-technique artifact, 10
Rapid diagnosis and improved accuracy in localizing infection in diabetic osteoarthropathy using In-111 leukocytes*, 92
Scintigraphic appearance of the pediatric sternum*, 89
Book review
Chromatography of Technetium-99m Radiopharmaceuticals—A Practical Guide, 203
Digital Imaging: Clinical Advances in Nuclear Medicine, 41
Essentials of Nuclear Medicine Imaging, 203
Fundamentals of Nuclear Pharmacy (second edition), 154
Nuclear Medicine: Quantitative Procedures, 41
Quality Control of Nuclear Medicine Instrumentation, 88
Techniques, Diagnostics, and Advances in Nuclear Cardiology, 41
1984 Yearbook of Nuclear Medicine, 203
Brain
Brain imaging of cerebrovascular disease with I-123 HIPDM, 13
Developing radiopharmaceuticals, 65
Distribution of N-isopropyl-p-(131)-iodoamphetamine in glioblastoma bearing mice*, 93
Utilization of radionuclide cerebral angiography for determining cerebral death in a small community hospital and a large teaching hospital*, 96
Brain, abscesses
Magnetic resonance of canine brain abscesses*, 90
Camera
Calculation of first pass left ventricular ejection fraction by linear regression analysis using pairs of end-diastolic and end-systolic data points*, 95
Moments method for region of interest independent right ventricular ejection fraction*, 95
Parallax error in pinhole thyroid scintigraphy: a critical consideration in the evaluation of substernal goiters*, 96
Camera, scintillation
Absolute left ventricular volume using the build up factor, 111
Benefits and risks of thyroid scintigraphy in congenital primary hypothyroidism, 167
Quality assurance survey of scintillation cameras and dose calibrators, 61
Quality control for multidetector inhalation regional cerebral blood flow system (RCBFS): a dynamic phantom*, 91
Technical considerations for gated tomographic blood pool imaging*, 97
Camera scintillation
First pass left ventricular ejection fraction by linear regression analysis, 170
Technique to analyze stability of gamma camera uniformity*, 91
Chromatography
Computerized radiochromatographic system for radiopharmaceutical quality control, 126
Clinical evaluation
Accuracy of radionuclide left ventricular (LV) ejection fraction (EF) and vlume measurements in clinical practice*, 91
Evaluation of asymptomatic male patients using the multigated acquisition method*, 96
The thinking technologist and technologist acquired patient histories, 201 (le)
Utilization of radionuclide cerebral angiography for determining cerebral death in a small community hospital and a large teaching hospital*, 96
Collimator
Comparison of gamma camera response to I-123 (p, 5n) and I-123 (p, 2n)*, 90
Parallax error in pinhole thyroid scintigraphy: a critical consideration in the evaluation of substernal goiters*, 96
Scintigraphic optimization of techniques for localizing I-125 monoclonal antibodies in the nude mouse*, 92
Computer
Calculation of first pass left ventricular ejection fraction by linear regression analysis using pairs of end-diastolic and end-systolic data points*, 95
Effects of normal heart rate variability on diastolic function measurement in gated radionuclide ventriculograms*, 97
Evaluation of asymptomatic male patients using the multigated acquisition method*, 96
First pass left ventricular ejection fraction by linear regression analysis, 170
Importance of the region of interest selection on the radionuclide renograms*, 96
Inter-institution variability in ejection fraction and volume determination*, 91
Kidney/liver ratio as an identifier of normal glomerular filtration rates in children*, 96
Method of computer quantitation of I-131 labeled $F(ab')_2$ fragments of monoclonal antibody in patient images*, 92
Microcomputers: administrative applications, 190
Moments method for region of interest independent right ventricular ejection fraction*, 95
New application for lymphoscintigraphy (LS)*, 89
Quality control of gated cardiac image region of interest selection, 163
Quantitative computerized radionuclide ventriculographic phase analysis*, 95
Technical considerations for gated tomographic blood pool imaging*, 97
Technique to analyze stability of gamma camera uniformity*, 91
Transmission CT data acquisition with a SPECT system*, 93
Continued competency
Continued competency of nuclear medicine technologists, 19
Continuing education
Continued competency of nuclear medicine technologists, 19
Crystal
An iterative method for verifying systematic nonuniformities in refillable flood sources, 7
Data processing
Absolute left ventricular volume using the build up factor, 111
Accuracy of radionuclide left ventricular (LV) ejection fraction (EF) and vlume measurements in clinical practice*, 91
Calculation of first pass left ventricular ejection fraction by linear regression analysis using pairs of end-diastolic and end-systolic data points*, 95
Computerized radiochromatographic system for radiopharmaceutical quality control, 126
First pass left ventricular ejection fraction by linear regression analysis, 170
Importance of the region of interest selection on the radionuclide renograms*, 96
Inter-institution variability in ejection fraction and volume determination*, 91
Moments method for region of interest independent right ventricular ejection fraction*, 95
Patterns of ventricular filling and emptying from interframe dv/dt changes: preliminary report, 115
Transmission CT data acquisition with a SPECT system*, 93

Departmental operations
Quality assurance survey of scintillation cameras and dose calibrators, 61
The thinking technologist and technologist acquired patient histories, 201 (le)
Diastolic function
Effects of normal heart rate variability on diastolic function measurement in gated radionuclide ventriculograms*, 97
Display, color
Quantitative computerized radionuclide ventriculographic phase analysis*, 95
Distribution
Distribution of N-isopropyl-p-(131)-iodoamphetamine in glioblastoma bearing mice*, 93
Dose calibration
Discrepancies in dose calibrator assays for various forms of therapeutic iodine-131, 84
Quality assurance survey of scintillation cameras and dose calibrators, 61
Education
New specialty for NMTs, 87 (le)
The thinking technologist and technologist acquired patient histories, 201 (le)
Transportation of spent nuclear fuel: the Illinois experience*, 93
Where have NMTs gone?, 39 (le)
EKG
Correlation of inferior hypokinesis by radionuclide ventriculography and electrocardiographic criteria for myocardial infarction: use of left posterior oblique view*, 94
Endocrinology
Parallax error in pinhole thyroid scintigraphy: a critical consideration in the evaluation of substernal goiters*, 96
TSH levels in pregnant women*, 94
Film
Method to interchange two similar radiographic films and preserve established exposure technique*, 93
Flood field
Technical considerations for gated tomographic blood pool imaging*, 97
Technique to analyze stability of gamma camera uniformity*, 91
Gastrointestinal tract
Technical considerations of Tc-99m labeled red blood cell scans in the detection and localization of gastrointestinal bleeding sites, 56
Gated blood pool
Correlation of inferior hypokinesis by radionuclide ventriculography and electrocardiographic criteria for myocardial infarction: use of left posterior oblique view*, 94
Gated blood pool imaging
Inter-institution variability in ejection fraction and volume determination*, 91
Gated blood pool studies
Quality control of gated cardiac image region of interest selection, 163
Generator-gold 195m
Developing radiopharmaceuticals, 65
Health care financing
Changing methods of health care financing: the impact of DRGs on nuclear medicine, 78 (le)
Heart
Absolute left ventricular volume using the build up factor, 111
Accuracy of radionuclide left ventricular (LV) ejection fraction (EF) and vlume measurements in clinical practice*, 91
Acute myocardial infarct imaging with Tc-99m pyrophosphate, 74
Calculation of first pass left ventricular ejection fraction by linear regression analysis using pairs of end-diastolic and end-systolic data points*, 95
Clotting of Tc-99m-labeled red blood cells, 59
Developing radiopharmaceuticals, 65
Effects of collimator malpositioning in seven pinhole tomography, 51
Effects of normal heart rate variability on diastolic function measurement in gated radionuclide ventriculograms*, 97
Evaluation of asymptomatic male patients using the multigated acquisition method*, 96
Exercise gated blood pool scans to evaluate ventricular function in aortic valvular disease*, 94
First pass left ventricular ejection fraction by linear regression analysis, 170
Inter-institution variability in ejection fraction and volume determination*, 91
Moments method for region of interest independent right ventricular ejection fraction*, 95
Patterns of ventricular filling and emptying from interframe dv/dt changes: preliminary report, 115
Quality control of gated cardiac image region of interest selection, 163
Quantitative computerized radionuclide ventriculographic phase analysis*, 95
Radionuclide ventricular function studies, 139
Thallium-201 myocardial imaging, 23
Use of exercise gated blood pool scans for evaluation of ventricular function in aortic valvular disease, 159
Heart, ventricular
Left ventricular volume response to exercise in normals and coronary artery disease patients*, 91
Hepatic arterial perfusion
Technical advances in hepatic arterial perfusion studies (HAPS)*, 97
Hippuran
Importance of the region of interest selection on the radionuclide renograms*, 96
Immunology
Monoclonal antibodies: localization of renal cell carcinoma xenografts*, 92
Indium-111
How does your gamma camera respond to Ga-67, In-111 and Tl-201?*, 93
Methodology for labeling donor platelets with indium-111 oxine*, 95
Neutrophil separation: evaluation of different approaches, purity, viability, and phagocytosis of ^{111}In bacteria*, 92
Preparation and clinical utility of In-111 labeled leukocytes, 131
Rapid diagnosis and improved accuracy in localizing infection in diabetic osteoarthropathy using In-111 leukocytes*, 92
Spectral overlap artifact during dual isotope imaging with Tc-99m and In-111, 124
Technical consideration of I-123 perfusamine™ brain imaging*, 90
Infection
Rapid diagnosis and improved accuracy in localizing infection in diabetic osteoarthropathy using In-111 leukocytes*, 92
Inferior hypokinesis
Correlation of inferior hypokinesis by radionuclide ventriculography and electrocardiographic criteria for myocardial infarction: use of left posterior oblique view*, 94
Injection technique
An injection-technique artifact, 10
Instrumentation
Computerized radiochromatographic system for radiopharmaceutical quality control, 126
New specialty for NMTs, 87 (le)
Spectral overlap artifact during dual isotope imaging with Tc-99m and In-111, 124
Transmission CT data acquisition with a SPECT system*, 93
In-vitro
Modification of the in-vitro red blood cell labeling technique using the Brookhaven National Laboratory (BNL) kit*, 95
Iodine-123
Brain imaging of cerebrovascular disease with I-123 HIPDM, 13
Comparison of gamma camera response to I-123 (p, 5n) and I-123 (p, 2n)*, 90
Iodine 123 amines
Developing radiopharmaceuticals, 65
Iodine-125
Scintigraphic optimization of techniques for localizing I-125 monoclonal antibodies in the nude mouse*, 92
Iodine-131
Adrenal medulla imaging with I-131 metaiodobenzylguanidine*, 97
Adrenal medulla imaging with I-123 metaiodobenzylguanidine*, 97
Discrepancies in dose calibrator assays for various forms of therapeutic iodine-131, 84
Distribution of N-isopropyl-p-(131)-iodoamphetamine in glioblastoma bearing mice*, 93
Monoclonal antibodies: localization of renal cell carcinoma xenografts*, 92
Joint
Rapid diagnosis and improved accuracy in localizing infection in diabetic osteoarthropathy using In-111 leukocytes*, 92
Kidney
Adaptation of a renin protocol for use in the neonate*, 94
Current status of renal radiopharmaceuticals, 177
Importance of the region of interest selection on the radionuclide renograms*, 96
Kidney/liver ratio as an identifier of normal glomerular filtration rates in children*, 96
Monoclonal antibodies: localization of renal cell carcinoma xenografts*, 92
Left ventricular volumes
Accuracy of radionuclide left ventricular (LV) ejection fraction (EF) and vlume measurements in clinical practice*, 91
Leukocytes In-111
Preparation and clinical utility of In-111 labeled leukocytes, 131
Licensing
Continued competency of nuclear medicine technologists, 19
Liver
Evaluation of hepatic hemangioma with Tc-99m labeled red blood cells, 119
Spectral overlap artifact during dual isotope imaging with Tc-99m and In-111, 124
Technical advances in hepatic arterial perfusion studies (HAPS)*, 97
Lung
Developing radiopharmaceuticals, 65
Lymph nodes
New application for lymphoscintigraphy (LS)*, 89
Multigated cardiac blood pool
Effect of extraneous blood pool on multigated cardiac scans, 12?
Myocardial infarction
Acute myocardial infarct imaging with Tc-99m pyrophosphate, 74
Neonatal thyroid screening
Benefits and risks of thyroid scintigraphy in congenital primary hypothyroidism, 167
Neutrophil separation
Neutrophil separation: evaluation of different approaches, purity, viability, and phagocytosis of ^{111}In bacteria*, 92
Technical consideration of I-123 perfusamine™ brain imaging*, 90
NMRI
Patient positioning and lesion localization in nuclear magnetic resonance imaging*, 90
Nuclear Medicine Technology Certification Board
Continued competency of nuclear medicine technologists, 19
NMTCB critical task validation study: identification of entry level domain, 192
Patient communications
The thinking technologist and technologist acquired patient histories, 201 (le)

Patient position
Correlation of inferior hypokinesis by radionuclide ventriculography and electrocardiographic criteria for myocardial infarction: use of left posterior oblique view*, 94
Patient positioning
Patient positioning and lesion localization in nuclear magnetic resonance imaging*, 90
Pediatrics
Adaptation of a renin protocol for use in the neonate*, 94
Scintigraphic appearance of the pediatric sternum*, 89
Phantom
An iterative method for verifying systematic nonuniformities in refillable flood sources, 7
Comparison of gamma camera response to I-123 (p, 5n) and I-123 (p, 2n)*, 90
Method of computer quantitation of I-131 labeled $F(ab')_2$ fragments of monoclonal antibody in patient images*, 92
Phase analysis
Patterns of ventricular filling and emptying from interframe dv/dt changes: preliminary report, 115
Pheochromocytomas
Adrenal medulla imaging with I-131 metaiodobenzylguanidine*, 97
Adrenal medulla imaging with I-123 metaiodobenzylguanidine*, 97
Platelet labelling
Methodology for labeling donor platelets with indium-111 oxine*, 95
Pulse height analysis
Spectral overlap artifact during dual isotope imaging with Tc-99m and In-111, 124
Quality control
Adrenal medulla imaging with I-123 metaiodobenzylguanidine*, 97
An injection-technique artifact, 10
An iterative method for verifying systematic nonuniformities in refillable flood sources, 7
Clotting of Tc-99m-labeled red blood cells, 59
Computerized radiochromatographic system for radiopharmaceutical quality control, 126
Discrepancies in dose calibrator assays for various forms of therapeutic iodine-131, 84
How does your gamma camera respond to Ga-67, In-111 and Tl-201?*, 93
Method to interchange two similar radiographic films and preserve established exposure technique*, 93
Microcomputers: administrative applications, 190
Quality assurance survey of scintillation cameras and dose calibrators, 61
Quality control for multidetector inhalation regional cerebral blood flow system (RCBFS): a dynamic phantom*, 91
Quality control in the radiopharmacy, 33
Technical advances in hepatic arterial perfusion studies (HAPS)*, 97
Technical considerations for gated tomographic blood pool imaging*, 97
Technique to analyze stability of gamma camera uniformity*, 91
Radiation accident
Discrepancies in dose calibrator assays for various forms of therapeutic iodine-131, 84
Radiation safety
Discrepancies in dose calibrator assays for various forms of therapeutic iodine-131, 84
New specialty for NMTs, 87 (le)
Transportation of spent nuclear fuel: the Illinois experience*, 93
Radioassay
Adaptation of a renin protocol for use in the neonate*, 94
Computerized radiochromatographic system for radiopharmaceutical quality control, 126
Evaluation of neonatal thyroxine and neonatal thyroid-stimulating hormone radioimmunoassay kits, 173
Radionuclide function
Radionuclide ventricular function studies, 139
Radiopharmacy
Computerized radiochromatographic system for radiopharmaceutical quality control, 126
Discrepancies in dose calibrator assays for various forms of therapeutic iodine-131, 84
Quality control in the radiopharmacy, 33
Red blood cells
Absolute left ventricular volume using the build up factor, 111
Calculation of first pass left ventricular ejection fraction by linear regression analysis using pairs of end-diastolic and end-systolic data points*, 95
Clotting of Tc-99m-labeled red blood cells, 59
Effect of extraneous blood pool on multigated cardiac scans, 122
Evaluation of hepatic hemangioma with Tc-99m labeled red blood cells, 119
First pass left ventricular ejection fraction by linear regression analysis, 170
Modification of the in-vitro red blood cell labeling technique using the Brookhaven National Laboratory (BNL) kit*, 95
Moments method for region of interest independent right ventricular ejection fraction*, 95
Technical considerations of Tc-99m labeled red blood cell scans in the detection and localization of gastrointestinal bleeding sites, 56
Red blood cells labelling
Modification of the in-vitro red blood cell labeling technique using the Brookhaven National Laboratory (BNL) kit*, 95
Renal physiology
Current status of renal radiopharmaceuticals, 177
Respiratory gating
Usefulness of respiratory gating in magnetic resonance imaging*, 90
ROIs
Quality control of gated cardiac image region of interest selection, 163
Scanner
Scintigraphic optimization of techniques for localizing I-125 monoclonal antibodies in the nude mouse*, 92
Scintillation
Calculation of first pass left ventricular ejection fraction by linear regression analysis using pairs of end-diastolic and end-systolic data points*, 95
Moments method for region of interest independent right ventricular ejection fraction*, 95
Parallax error in pinhole thyroid scintigraphy: a critical consideration in the evaluation of substernal goiters*, 96
Spent fuel
Transportation of spent nuclear fuel: the Illinois experience*, 93
Sternum
Scintigraphic appearance of the pediatric sternum*, 89
Task analysis
NMTCB critical task validation study: identification of entry level domain, 192
Technetium-99m
Clotting of Tc-99m-labeled red blood cells, 59
How does your gamma camera respond to Ga-67, In-111 and Tl-201?*, 93
Use of exercise gated blood pool scans for evaluation of ventricular function in aortic valvular disease, 159
Technetium-99m-DADS
Current status of renal radiopharmaceuticals, 177
Technetium-99m-DTPA aerosol
Technical problems in aerosol imaging*, 89
Technetium-99m-pertechnetate
Exercise gated blood pool scans to evaluate ventricular function in aortic valvular disease*, 94
Technetium-99m-PyP
Evaluation of asymptomatic male patients using the multigated acquisition method*, 96
Technetium-99m-pyrophosphate
Acute myocardial infarct imaging with Tc-99m pyrophosphate, 74
Technetium-99m-Sb2S3
New application for lymphoscintigraphy (LS)*, 89
Technetium-99m-SN
Modification of the in-vitro red blood cell labeling technique using the Brookhaven National Laboratory (BNL) kit*, 95
Technetium-99m sulfur colloid
Effects of Al^{3+} ion on Tc-99m sulfur colloid preparations with different buffers, 16
Thallium-201
Effects of collimator malpositioning in seven pinhole tomography, 51
Thallium-201 myocardial imaging, 23
Thrombus
Methodology for labeling donor platelets with indium-111 oxine*, 95
Technical problems in aerosol imaging*, 89
Thyroid
Benefits and risks of thyroid scintigraphy in congenital primary hypothyroidism, 167
Evaluation of neonatal thyroxine and neonatal thyroid-stimulating hormone radioimmunoassay kits, 173
Parallax error in pinhole thyroid scintigraphy: a critical consideration in the evaluation of substernal goiters*, 96
TSH levels in pregnant women*, 94
Thyroid stimulating hormone
Evaluation of neonatal thyroxine and neonatal thyroid-stimulating hormone radioimmunoassay kits, 173
Thyrotropin
TSH levels in pregnant women*, 94
Thyroxine
Evaluation of neonatal thyroxine and neonatal thyroid-stimulating hormone radioimmunoassay kits, 173
Tomography
Effects of collimator malpositioning in seven pinhole tomography, 51
Tomography, computerized axial
Brain imaging of cerebrovascular disease with I-123 HIPDM, 13
Transmission CT data acquisition with a SPECT system*, 93
Tomography, emission computed
An iterative method for verifying systematic nonuniformities in refillable flood sources, 7
Tomography, radionuclide
Brain imaging of cerebrovascular disease with I-123 HIPDM, 13
Transmission CT data acquisition with a SPECT system*, 93
Tumor
Distribution of N-isopropyl-p-(131)-iodoamphetamine in glioblastoma bearing mice*, 93
Monoclonal antibodies: localization of renal cell carcinoma xenografts*, 92
Scintigraphic optimization of techniques for localizing I-125 monoclonal antibodies in the nude mouse*, 92
Vascular system
Evaluation of hepatic hemangioma with Tc-99m labeled red blood cells, 119
Utilization of radionuclide cerebral angiography for determining cerebral death in a small community hospital and a large teaching hospital*, 96
Ventricular emptying and filling
Patterns of ventricular filling and emptying from interframe dv/dt changes: preliminary report, 115
In vitro labelling
Technical considerations of Tc-99m labeled red blood cell scans in the detection and localization of gastrointestinal bleeding sites, 56

Volumes
Left ventricular volume response to exercise in normals and coronary artery disease patients*, 91
White blood cells
Rapid diagnosis and improved accuracy in localizing infection in diabetic osteoarthropathy using In-111 leukocytes*, 92
Xenon-133
Quality control for multidetector inhalation regional cerebral blood flow system (RCBFS): a dynamic phantom*, 91
Technical problems in aerosol imaging*, 89

Journal of Nuclear Medicine Technology 1984 Author Index

Ackermann, R, 97
Alexander, J, 122
Allen, WM, 96
Appledorn, CR, 41
Avila, MJ, 126

Baker, WJ, 131
Barat, KL, 93
Barth, S, 95
Bean, LC, 97
Beardsley, MR, 92
Bedont, RA, 41, 203
Beierwaltes, WH, 97
Benoit, L, 59
Bigley, E, 92
Blasius, KM, 95, 111, 170
Botti, J, 97
Brar, HS, 124
Brecklin, RF, 89
Brooks, KM, 89
Brown, PH, 51, 124
Buda, A, 97

Cammack, AJ, 90
Carichner, SL, 96
Carleton, RA, 94
Caskey, P, 91
Cassel, D, 90
Christian, PE, 41
Cianci, ML, 95
Circe, P, 92
Clanton, JA, 90
Clements, JP, 59
Clinthorne, N, 91
Clouse, ME, 90, 93
Cohn, RA, 94
Coleman, RE, 93, 95
Continuing Education Committee, Technologist Section, Society of Nuclear M, 23, 74, 139
Conway, JJ, 10, 94
Cooper, J, 93
Corbett, B, 94
Cowell, VD, 115
Cox, DJ, 51, 91
Cradduck, TD, 88
Crandall, CR, 90

Darragh, MA, 91
Datz, FL, 131
DePuey, EG, 163
Dewanjee, MK, 89
Dibos, PE, 94
dos Remedios, LV, 167
Dunn, WL, 91

Eckelman, WE, 95
Eklem, M, 91
English, RJ, 7, 13, 65
Ernstthal, HL, 78
Essert, TK, 126
Evans, CD, 61

Fanning, P, 92
Fearon, T, 96
Fong, L, 94
Fritzberg, AR, 177
Froelich, J, 97

Gainey, MA, 89
Gebhardt, V, 91
Glenn, H, 93
Glowniak, J, 97
Gobuty, A, 93
Gordon, L, 119
Greenberg, B, 91
Greer, K, 93
Gupta, S, 122

Halpin, T, 122
Hamilton, DR, 61
Hammond, ND, 92
Harcke, HT, 89
Harpen, MD, 95, 170
Harris, C, 93
Harris, LJ, 126
Haynie, TP, 93
Hearne, ME, 92
Hedlund, L, 93
Heller, GV, 94
Hemkens, JA, 89
Hendricks, S, 94
Herzer, WA, 90
Hill, TC, 90, 93
Hladik, WB, III, 16
Hodge, JL, 96
Hodges, H, 87
Holman, BL, 7, 13, 65
Holt, LM, 96

Hopkins, ME, 96
Howell, SM, 173
Hubble, WL, 89

Jahns, M, 93
Jannasch, M, 93
Jara, B, 89
Jasko, IA, 167
Jaszczak, R, 93
Johnson, DL, 96
Johnson, SC, 96
Juni, JE, 91, 95, 97

Kasecamp, BJ, 94
Kasi, LP, 93
Kasulis, PW, 90, 93
Kay, TD, 96
Kim, E, 93
Knight, LC, 92
Kollmann, M, 92
Kolodny, GM, 56
Kosegi, JE, 96
Kostuk, WJ, 91
Krishnamurthy, G, 91
Krishnamurthy, GT, 51, 91
Kulkarni, MV, 96

Ladwig, EJ, 163
Lagunas-Solar, MC, 126
Lahti, DS, 97
Lee, RG, 90, 93
Lepeak, W, 89
Lerner, MS, 96
Lester, PD, 90
Levine, G, 84
Lind, S, 65
Lis, GA, 115
Little, L, 94, 159
Loge, D, 91

Madsen, M, 90
Malhi, B, 84
Mandell, GA, 89
Massie, B, 91
Maurer, AH, 92, 95, 111, 170
McGranahan, GM, Jr, 96
McKenney, S, 92
McKeown, JA, 203
McKitrick, WL, 96
McMeekin, J, 97

Merritt, ER, 39
Meyers, LJ, 97
Min, LK, 124
Mittelstadt, SE, 92
Moldofsky, PJ, 92
Mueller, DH, 124
Mulhern, CB, 92

Nagle, CE, 96, 201
Nuclear Medicine Technology Certification Board, The, 192

Omdahl, A, 89
Osbakken, M, 94, 159
Osborne, D, 93
Oswald, WM, 91

Padovani, D, 93
Palac, R, 91
Papendorf, J, 93
Park, BJ, 190
Park, C, 90
Park, CH, 92
Park, HM, 96
Parker, JA, 56
Partain, CL, 90, 96
Patel, J, 90
Patton, JA, 96
Pena, TA, 96
Perillat, KT, 92
Petry, N, 95
Phegley, DJ, 89
Pitt, S, 97
Plankey, MW, 65
Polak, JF, 7, 13
Price, AC, 90
Purves, PD, 91

Ramberg-Laskaris, KL, 33
Ratzlaff, NW, 51
Reba, R, 95
Rocchini, A, 97
Rogers, WL, 91
Romo, D, 96
Rousseau, AJ, 56, 94
Royal, HD, 56
Runge, VM, 90
Ryan, AL, 89

Saha, GB, 16
Schoen, EJ, 167
Schultz, DA, 95
Schultz, H, 95
Seifert, C, 92
Shadoan, DJ, 126
Shafer, RB, 92
Shapiro, B, 97
Sharkey, CA, 89
Sheakley, ML, 119
Sherry, CM, 89
Siegel, JA, 95, 111, 170
Siegel, R, 95
Sisson, JC, 97
Smith, H, 91, 124
Snyder, AB, 92
Stephens, C, 93
Steves, AM, 154
Struble, L, 95
Struttman, L, 84
Study, KT, 16
Summerville, D, 13

Thakur, M, 90, 92
The Task Force on Continued Competency, Technologist Section, Society of Nuclear M, 19
Turner, FE, 124
Tuscan, M, 91, 95, 97

Varma, VM, 95

Wackers, FJ, 59
Wahl, RL, 95, 97
Wahner, HW, 89, 91
Walton, VA, 94
Weiss, SC, 10, 94
White, S, 91, 124
Wieland, D, 97

Yamanashi, WS, 90
Yolles, PS, 95
Yost, PE, 89
Youngkin, DLJ, 92

Ziessman, HA, 97
Zimmer, AM, 203
Zu'bi, SM, 115